

**From:** Suriano, Elaine  
**Sent:** 14 Sep 2018 21:21:16 +0000  
**To:** Olson, Shawn A -FS  
**Cc:** Smalls, James -FS; Erba, Anthony E -FS  
**Subject:** RE: Twin Metals - Boundary Waters Project (Elaine)  
**Attachments:** RE: Twin Metals - Boundary Waters Project

Hi Shawn,

I see Tony forwarded you my note. We can wait until Tony returns from holiday if you wish. I have been following the issues from a distance related to the temporary moratorium and the proposed Cu/Ni mine. Our Region 5 office (in Chicago) is the lead, but I did want to chat with FS folks to better understand the full array of complexities that come with this type of project. In a press release, Brady Smith mentioned there was no need to complete the EA based on what they had learned over the last 15 months. Was the FS planning to make that information available? I was also curious about your thoughts on the Stock/Bradt paper covering the economics and potential growth with the moratorium and without.

Let me know what works best for you. My hours are 9:30 – 7 PM ET. I am in next week Tues – Fri and M-F the following week.

Regards, Elaine

Elaine Suriano  
Environmental Scientist  
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**From:** Olson, Shawn A -FS  
**Sent:** 14 Sep 2018 20:39:06 +0000  
**To:** Erba, Anthony E -FS; Suriano, Elaine  
**Cc:** Smalls, James -FS  
**Subject:** RE: Twin Metals - Boundary Waters Project (EPA)  
**Attachments:** image001.png, image002.png, image003.png, image004.png

Elaine-

Please feel free to contact me at the number listed below.

Thanks-

Shawn Olson  
Director of Air, Water, Lands, Soils, and Minerals  
Forest Service  
Eastern Region  
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<<http://usda.gov/>> <<https://twitter.com/forestsservice>> <<https://www.facebook.com/pages/US-Forest-Service/1431984283714112>>  
Caring for the land and serving people

From: Erba, Anthony E -FS  
Sent: Friday, September 14, 2018 2:32 PM  
To: Suriano, Elaine &lt;Suriano.Elaine@epa.gov>;  
Cc: Smalls, James -FS &lt;jsmalls@fs.fed.us>; Olson, Shawn A -FS &lt;saolson@fs.fed.us>;  
Subject: RE: Twin Metals - Boundary Waters Project

Elaine &#8211; I suggest you talk with Shawn Olson, my colleague Director overseeing the minerals program in the Eastern Region.  
Shawn &#8211; Elaine is long-time friend from EPA headquarters who has NEPA as part of her portfolio.  
If you would like me to participate in your conversation with her, let me know.

Anthony E. Erba  
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Caring for the land and serving people

From: Suriano, Elaine [<mailto:Suriano.Elaine@epa.gov>]  
Sent: Friday, September 14, 2018 2:10 PM  
To: Erba, Anthony E -FS <[aerba@fs.fed.us](mailto:aerba@fs.fed.us)>  
Cc: Smalls, James -FS <[jsmalls@fs.fed.us](mailto:jsmalls@fs.fed.us)>  
Subject: Boundary Waters Project

Hi Tony. Is there a person I could chat with about lifting the moratorium on mining in the BW area without completing the EA that was proposed before any changes were made? Also, what level of NEPA does the FS envision for the Twin Metals Mine?

Thks kindly, E&#8230;

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